

## Acetic acid, solution 80% v/v, EssentQ®

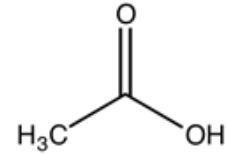
**Identification**CH<sub>3</sub>COOH

M = 60,05 g/mol

CAS [64-19-7]

EC number: 200-580-7

Taric code: 2915 21 00

**Synonyms**

Methane carboxylic acid solution, Methylformic acid solution

**Applications**

analytical chemistry, synthesis of organic products, acidifying agent, for pharmaceuticals synthesizing, in food industry.

**Specifications**

assay (acidimetric).....	min. 80 %	iron (Fe).....	max. 5 ppm
chlorides (Cl).....	max. 0,0002 %	heavy metals (as Pb).....	max. 5 ppm
sulfates (SO <sub>4</sub> ).....	max. 0,0005 %	zinc (Zn).....	max. 5 ppm
aluminium (Al).....	max. 0,5 ppm	substances reducing KMnO <sub>4</sub> .....	passes test
arsenic (As).....	max. 2 ppm	residue on evaporation.....	max. 0,003 %

**Physical data**

- Density: 1,07 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Flash point: 59 °C
- pH < 1

**Safety - GHS**

Signal Word: Danger

**Hazard Statements:**

- H314: Causes severe skin burns and eye damage.
- H226: Flammable liquid and vapour.
- H312: Harmful in contact with skin.

**Precautionary Statements:**

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
- P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310: Immediately call a POISON CENTER or doctor / physician.
- P370+P378: In case of fire: Use ... for extinction.
- P405: Store locked up.
- P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- ADR: 8 CF1 II • UN 2789 • ACETIC ACID, GLACIAL or ACETIC ACID SOLUTION
- IMDG: 8 II • UN 2789 • ACETIC ACID, GLACIAL
- IATA/ICAO: 8 II • UN 2789 • ACETIC ACID, GLACIAL
- PAX: 809
- CAO: 813
- 10°C - 30°C